

WHAT IS CLAIMED IS:

1. A paper product comprising a fibrous substrate having (i) at least one strength region comprising a reacted cationic or a reacted nonionic strength agent and (ii) at least one dispersibility region, wherein
5 the paper product has (a) a dispersibility of at least one tenth of a second, (b) a dry strength, and (c) a wet strength of at least about five percent the dry strength of the paper product.
2. The paper product of Claim 1, wherein the dispersibility regions are devoid or substantially devoid of the reacted strength agent.
10 3. The paper product of Claim 1, wherein the dispersibility regions have a reacted cationic strength agent or a reacted nonionic strength agent in an amount that is relatively less than the reacted cationic strength agent or the nonionic strength agent present in the strength regions.
- 15 4. The paper product of Claim 1, wherein the strength regions comprise a grid-shaped pattern of linearly shaped regions.
5. The paper product of Claim 1, wherein the strength regions are located adjacent to a first surface of the fibrous substrate.
- 20 6. The paper product of Claim 5, wherein the fibrous substrate further comprises strength regions on the second surface of the fibrous substrate.
7. The paper product of Claim 1, wherein the dispersibility regions contain perforations.
- 25 8. The paper product of Claim 7 wherein the perforations are filled with a reacted cationic strength agent or a reacted nonionic strength agent.
9. The paper product of Claim 1, wherein the paper product has a wet strength that is at least about five percent of the dry strength of the paper product.
- 30 10. The paper product of Claim 1, wherein the paper product has a dispersibility that is at least about one second.

11. The paper product of Claim 1, wherein the paper product is a tissue or a towel.

12. The paper product of Claim 1, wherein the dispersibility regions are devoid or substantially devoid of a reacted strength agent and 5 the strength regions encompass less than about 50% of surface area of the paper product.

13. The paper product of Claim 1, wherein the strength regions are located on a first surface of the fibrous substrate.

14. The paper product of Claim 13, wherein the strength regions 10 are located on a second surface of the fibrous substrate.

15. The paper product of Claim 1, wherein the paper product further comprises a reacted strength reducing material.

16. The paper product of Claim 15, wherein the cationic strength agent or the nonionic strength agent is selected from the group consisting 15 of cationic glyoxalated polyacrylamides, nonionic glyoxalated polyacrylamides, polymeric amine-epichlorohydrin resins, polyethyleneimines, melamine formaldehydes, urea formaldehydes, dialdehyde starches, glyoxal, polyvinyl amines, vinyl amine copolymers, and mixtures thereof.

20 17. The paper product of Claim 1, wherein the strength regions comprise an interlocking serpentine pattern.

18. A paper product comprising:

- (a) a fibrous substrate having a first surface and a second surface and having a weight ranging from about 15 to about 25 150 g/m²,
- (b) at least one strength region comprising a reacted cationic strength agent or a reacted nonionic strength agent,
- (c) at least one dispersibility region comprising a reacted 30 cationic strength agent or a reacted nonionic strength agent in an amount that is relatively less than the reacted cationic strength agent or the reacted nonionic strength agent present in the at least one strength region.

19. The paper product of Claim 18, wherein the dispersibility regions are devoid or substantially devoid of any reacted cationic strength agent or a reacted nonionic strength agent and the strength regions encompass an area that is less than about 50% of the area of the first

5 surface.

20. A paper product comprising a substrate integrated with a plurality of high strength regions and a plurality of high dispersibility regions, wherein the paper product has a wet strength that is at least about five percent of the dry strength and a dispersibility that is at least

10 about one tenth of a second.

21. A method for making a paper product comprising selectively applying a strength agent to a fibrous substrate and forming at least one strength region and at least one dispersibility region, wherein the at least one strength region and the at least one dispersibility region is sufficient to

15 produce a paper product having a dispersibility that is at least one tenth of a second and a wet strength that is at least about five percent of the dry strength of the paper product.

22. A paper product comprising:

20 (a) a first fibrous substrate having a first surface and a second surface,

(b) a second fibrous substrate having a first surface and a second surface,

(c) at least one strength region located between the first fibrous substrate and the second fibrous substrate, wherein the

25 strength region is a reacted cationic or non-ionic strength agent.

23. A paper product comprising:

30 (a) at least one fibrous substrate having a first surface and a second surface,

(b) a plurality of strength regions extending throughout at least one fibrous substrate, and

(c) at least one reacted strength reducing agent extending over the first surface or the second surface of the at least one fibrous substrate.

24. A paper product comprising a fibrous substrate having (i) at least one strength region comprising a reacted anionic polyacrylamide strength agent and (ii) at least one dispersibility region, wherein the paper product has (a) a dispersibility of at least one tenth of a second, (b) a dry strength, and (c) a wet strength of at least about five percent the dry strength of the paper product.